

Appl. No.: 10/054,709

Filed: January 18, 2002

Page 2Amendments to the Claims:

1. (currently amended) A method of implementing a service in a cable system, comprising:  
generating at a session manager in a set-top box (STB) application level data where said application level data represents a service offering comprising:  
service data identifying particular resources associated with the service offering,  
and  
routing data identifying the location of a service gateway capable of identifying said particular resources in said cable system;  
~~identifying at least one of said particular resources within said service offering; and~~  
generating a session request to a session gateway in order to receive the service offering,  
wherein said session request includes said routing data; ~~and~~  
identifying at least one of said particular resources within a service gateway for said service offering.
2. (original) The method of claim 1, further comprising transmitting said session request to said service, wherein said service is located at a headend of the cable system.
3. (original) The method of claim 2, further comprising parsing said session request at said service to extract the identified at least one particular service.
4. (currently amended) The method of claim 3, further comprising determining the location of a server associated with the identified at least one particular service in said cable system.
5. (original) The method of claim 1, wherein said routing data further identifies the location of a session gateway in said cable system.

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6. (currently amended) The method of claim 1, wherein generating a session request comprises generating a session request at a generic session manager of the STB to receive the identified at least one particular service, wherein said session request ~~includes~~ indicates said routing data and said service data.

7. (currently amended) A system for administering a session in a cable system, comprising:  
a service residing in said cable system; and  
at least one set-top box comprising a session manager, wherein the at least one set-box is in communication with said service and generates a request to ~~the service~~ a session gateway; ~~and~~  
wherein said request comprises routing information identifying the location of a service gateway ~~said service~~ and session service data identifying a particular service requested.

8. (original) The system of claim 7, wherein the at least one set-top box comprises a generic session manager, and wherein said generic session manager generates said request.

9. (original) The system of claim 7, further comprising at least one server located at a headend of the cable system and in communication with said service.

10. (original) The system of claim 9, wherein the at least one server comprises a session manager, and wherein the service communicates with said session manager to identify the particular service requested.

11. (original) The system of claim 9, wherein the at least one server comprises a session manager, and wherein said session manager communicates with said cable system to establish a communication path through which to implement said service.

12. (original) The system of claim 7, further comprising a session resource manager, wherein the session resource manager identifies available resources of said cable system.

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13. (cancelled)

14. (currently amended) The system of claim 13, further comprising ~~at least one the~~ service gateway in communication with said at least one ~~session gateway server, and wherein~~ said request further comprises routing information identifying the at least one service gateway.

15. (currently amended) A method of fulfilling a session request in a cable system, comprising:

generating application level data in the cable system comprising addressing information identifying a session gateway in the cable system;

transmitting the application level data to a set-top box;

receiving user input regarding a selected service;

determining routing data based in part on the user input;

receiving a session request at a service session gateway in the cable system, wherein said session request includes routing information identifying ~~identifies~~ the location of said service in said cable system and the generator of said session request;

parsing said session request to identify at least one particular service gateway identified within said session request; and

forwarding said at least one particular service identified within said session request to said ~~generator~~ service gateway.

16. (previously presented) The method of claim 15, further indicating a MPE<sub>0</sub> program number associated with the one particular service in said cable system.

17. (original) The method of claim 15, further comprising executing, at said service, an instruction to the determined location to forward said at least one particular service to said generator.

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18. (currently amended) A session request generated by a generic session manager within a set-top box, comprising:

session data identifying a particular service [,]; and

routing data identifying the location of a service gateway in a cable system wherein the service gateway further identifies said service in said cable system based on said session data.